

G 016 76 - A 017 St1 - SMP0305 - 5-1-02

# **PATHFINDER**

## **ENERGY SERVICES**

RECEIVED  
GOM OCS REGION  
JUL 09 2002



RECORDS UNIT

### **DIRECTIONAL SURVEY REPORT**

API 177242010800

**SAMEDAN OIL CORPORATION**

**OCS-G-1676 A-17 ST1**

**MAIN PASS BLOCK #305**

PREPARED BY: ROCK BRUNET

PathFinder Energy Services, Inc.  
3329 West Pinhook Road, Lafayette, LA 70508  
(337) 233-3982



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April 10, 2002

SAMEDAN OIL CORPORATION  
350 Glenborough, Suite 240  
Houston, TX 77067-3609

Attn: Tom Jobin

RE: SAMEDAN OIL CORPORATION  
OCS-G-1676 A-17 ST1  
MAIN PASS BLOCK #305  
RIG: NABORS P-6  
API NO.: 17-724-20108-01  
OUR FILE NO.: J-LA-0203-0066

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was run.

**SURVEY DATA**

- 1 - Original survey report
- 2 - Survey report copies
- 1 - Survey diskette Filename: 006602.MMS

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (337) 233-3982.

Sincerely,



Rock Brunet  
Service Coordinator  
PathFinder Energy Services

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY: A) JOEY WAGUESPACK  
B) JASON FERGUSON
3. POSITION OF SAID PERSON(S): (A-B) SURVEYOR (FIELD ENGINEER)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 04/02/02 TO 04/03/02
5. STATE IN WHICH SURVEY WAS PERFORMED: OFFSHORE, LOUISIANA
6. LOCATION OF WELL: MAIN PASS BLOCK #305
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:  
  
SAMEDAN OIL CORPORATION  
OCS-G-1676 A-17 ST1  
MAIN PASS BLOCK #305  
RIG: NABORS P-6  
API NO.: 17-724-20108-01
9. SURVEY(S) CERTIFIED FROM: 7,184 TO 8,135 FEET MEASURED DEPTH.
10. SURVEY DISKETTE(S) ARE INCLUDED AND ARE IN ACCORDANCE WITH  
MMS FORMAT. THE FILENAME IS: 006602.MMS

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE  
DISPLACED AT 1,978.93 FEET ON A BEARING OF 259.99 DEGREES FROM THE  
CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 8,240  
FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

  
\_\_\_\_\_  
ROCK BRUNET  
SERVICE COORDINATOR

# Pathfinder

## BHL Report

Page 1

Job No: J-LA-0203-0066

Date: 4/8/02

Time: 7:54 am

Wellpath ID: OCS-G-1676 A-17 ST1

Date Created: 3/30/02

Last Revision: 4/8/02

*Calculated using the Minimum Curvature Method  
Computed using PDS VER2.2.6  
Vertical Section Plane: 258.31 deg*

Survey Reference: WELLHEAD  
Reference World Coordinates: Lat: 29.13.31 N - Lon: 88.34.34 W  
Reference GRID System: LAMBERT Zone: Louisiana South  
Reference GRID Coordinates: 2879498.60 X 213760.50 Y  
North Aligned to: GRID NORTH  
Vertical Section Reference: WELLHEAD  
Closure Reference: WELLHEAD  
TVD Reference: WELLHEAD

SAMEDAN OIL CORPORATION  
OCS-G-1676 A-17 ST1  
MAIN PASS BLK. 305  
RIG: NABORS P-6

DECL: 1.38 WEST TO GRID  
KBH: 80' TO MSL

PATHFINDER OFFICE SUPERVISOR:  
AJ BROUSSARD  
PATHFINDER FIELD ENGINEERS:  
J. FERGUSON / J. WAGUESPACK

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Measured Depth	8240.00	(ft)
Inclination	17.94	(deg)
Azimuth	285.38	(deg)
True Vertical Depth	7845.41	(ft)
Vertical Section	1978.08	(ft)
Grid Coordinates		
X	2877549.79	(ft)
Y	213416.57	(ft)
Rectangular Offsets		
North/South	343.93 S	(ft)
East/West	1948.81 W	(ft)
Closure Dist & Dir	1978.93 @ 259.99	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

# Pathfinder

## Survey Report

Calculated using the Minimum Curvature Method  
 Computed using PDS VER2.2.6  
 Vertical Section Plane: 258.31 deg.

Survey Reference: WELLHEAD  
 Reference World Coordinates: Lat. 29 13.31 N - Lon. 88 34.34 W  
 Reference GRID System: LAMBERT Zone: Louisiana South  
 Reference GRID Coordinates: 2879498 60 X 213760 50 Y  
 North Aligned to: GRID NORTH  
 Vertical Section Reference: WELLHEAD  
 Closure Reference: WELLHEAD  
 TVD Reference: WELLHEAD

SAMEDAN OIL CORPORATION  
 OCS-G-1676 A-17 ST1  
 MAIN PASS BLK. 305  
 RIG: NABORS P-6

DECL: 1.38 WEST TO GRID  
 KBH: 80' TO MSL

PATHFINDER OFFICE SUPERVISOR:  
 AJ BROUSSARD  
 PATHFINDER FIELD ENGINEERS:  
 J. FERGUSON / J. WAGUESPACK

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Subsea Depth (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
TIE INTO SPERRY SUN SURVEY AT 6938' MD.										
6938.00	25.50	264.00	6617.12	6537.12	1564.50	332.03 S	1528.94W	1564.58@	257.75	0.00
THE FOLLOWING ARE DAILEY INTERPOLATED SURVEYS.										
7000.00	24.97	263.85	6673.20	6593.20	1590.81	334.83 S	1555.22W	1590.86@	257.85	0.86
7092.00	22.60	256.88	6757.40	6677.40	1627.82	340.92 S	1591.76W	1627.86@	257.91	3.99
THE FOLLOWING ARE PATHFINDER LWD SURVEYS.										
7184.00	20.22	249.39	6843.06	6763.06	1661.21	350.53 S	1623.87W	1661.27@	257.82	3.94
7279.00	17.94	254.68	6932.84	6852.84	1692.04	360.18 S	1653.35W	1692.13@	257.71	3.01
7373.00	17.15	261.52	7022.48	6942.48	1720.33	366.05 S	1681.02W	1720.42@	257.72	2.35
7468.00	17.15	261.85	7113.25	7033.25	1748.29	370.10 S	1708.74W	1748.36@	257.78	0.10
7564.00	18.29	262.19	7204.70	7124.70	1777.45	374.16 S	1737.68W	1777.50@	257.85	1.19
7659.00	19.79	265.51	7294.50	7214.50	1808.28	377.44 S	1768.48W	1808.31@	257.95	1.95
7754.00	19.35	272.87	7384.03	7304.03	1839.47	377.91 S	1800.24W	1839.48@	258.14	2.63
7849.00	18.73	280.72	7473.84	7393.84	1868.81	374.29 S	1830.95W	1868.82@	258.45	2.77
7943.00	18.38	284.85	7562.96	7482.96	1896.02	367.68 S	1860.11W	1896.10@	258.82	1.45
8039.00	17.94	284.43	7654.18	7574.18	1922.84	360.12 S	1889.05W	1923.07@	259.21	0.48
8135.00	17.94	285.38	7745.51	7665.51	1949.28	352.51 S	1917.63W	1949.76@	259.58	0.30
PROJECTED SURVEY @ 8240' MD.										
8240.00	17.94	285.38	7845.41	7765.41	1978.08	343.93 S	1948.81W	1978.93@	259.99	0.00