

Problem: Uploading OBO/JV Drilling and Completion data.

Solution: Implement V³ Solutions' Automated Upload of OBO/JV Drilling and Completion reports. Utilizing proprietary PDF scraping technology, coupled with advanced scheduling and mapping, V³ Solutions has the answer to your problem.

XYZ Drilling Company.pdf - Adobe Acrobat Professional

Canopy E & P
Daily Drilling Report
Page 1 of 1

WELL: TEST WELL #1 SIDETRACK: DATE: 3/1/2011
EVENT: DRILLING LOCATION: Section 021 037N 109W REPORT NO.: 19
UNIQUE NO.: 6725-WY COUNTY: SUBLETTE WYOMING DFS/DOL: 19.0 (days) / 21.0 (days)

TODAY'S DEPTH: 14271 (FT) RIG NAME: UNIT 116 AFE #: 34521 DAILY WELL COST: 60,442
PROGRESS: 626 (FT) ROT. HOURS: 23.0 (HR) CUM. WELL COST: 1,516,526
TVD: 14,271 (FT) AFE AMOUNT: 2,993,368

Key value pairs are scraped and normalized.

DEPTH	ANGLE	AZIMUTH	TVD	N/S(°)	E/W(°)
13,911.0	2.90	251.00	13,800.2	-442.74	-1,074.01
14,006.0	2.90	248.60	13,895.1	-444.40	-1,078.36
14,101.0	2.90	248.70	13,989.9	-446.15	-1,083.00
14,196.0	3.10	242.40	14,084.8	-448.21	-1,087.52

Error: Subreport could not be shown.

FROM	TO	HRS	P/U/T	DETAILS	MUD TYPE:
06:00	14:30	8.50	P	DIRECT DRLG VERTICAL 13645 - 13864, (219' @ 25.7' FPH, 10K-18K WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;	DENSITY (IN/OUT): GELS (Ns/10m): LV/VG: API W/:
14:30	15:00	0.50	P	RIG SERVICE	SAND: MBT: pH: PF: CI: K+:
15:00	17:30	2.50	P	DIRECT DRLG VERTICAL 13864 - 13961 (107' @ 25.8' WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;	LA2L: BICARBONATE: WATER ADD: TODAY'S COST: COMMENTS:
17:30	18:00	0.50	P	CIRC, SURVEY & CONNECTION TIME	
18:00	06:00	12.00	P	DIRECT DRLG VERTICAL 13961 - 14271, (310' @ 25.8' WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;	

Tabular data is scraped and normalized.

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```

XML Data is mapped, validated and uploaded to your drilling database.

Today's Wells

General

Supervisor: JEFF JACOBSEN
Engineer: ART VANDELAY
Geologist:
Rig Manager:
Phone No.:
Fax No.:
Daily Cost: 60,442 \$
Daily Mud: \$
Supp AFE Total: \$
Cum Mud Cost: \$
Cumulative Total: 60,442 \$

DFS: 19 days
DOL: 21.00 days
DOTK: days
Previous Day MD: ft
MD: 14,271 ft
TVD: 14,271 ft
WD Plugback: ft
TVD Plugback: ft
Progress: 626 ft

Rotating Hours: hr
Days Ahead: days
Hole Size: in
Current ROP: ft/hr
Avg ROP: ft/hr

Maximum Allowables
Pressure AMW: ppg
MSICP: 0.00 psi
BHP:

Current Status: DRILLING @ 13,271
24 Hr Forecast: DRILL TO TD, GYRO, POOH W/ LOGS
24 Hr Operations Summary: 14159
Comments: 14159

Time Summary

From	To	Duration (hr)	Code	Sub Code	Description	P/U	Phase	Operation
03/01/20	03/01/20	8.50				P		DIRECT DRLG VERTICAL 13645 - 13864, (219' @ 25.7' FPH, 10K-18K WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;
03/01/20	03/01/20	0.50				P		RIG SERVICE
03/01/20	03/01/20	2.50				P		DIRECT DRLG VERTICAL 13864 - 13961, (97' @ 25.8' FPH, 10K-18K WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;
03/01/20	03/01/20	0.50				P		CIRC, SURVEY & CONNECTION TIME
03/01/20	03/02/20	12.00				P		DIRECT DRLG VERTICAL 13961 - 14271, (310' @ 25.8' WOB, 25-45 RPM TOP DRIVE, 63 RPM MUD MTR, 103 RPM BIT; 5K-7K FT-LBS PASON TORQUE ON BTM; 1 PMP X 57 SPM, 237 GPM, 3,850 PSI PMP PRESS ON BTM, 14.3 PPG IN/OUT, 44 VIS IN / OUT;

V³ Solutions' 1-2 punch!

Step 1: Data from PDF report is mapped and scraped to a normalized XML drilling/completion format.

Step 2: Normalized XML data is imported into your company's drilling database.

-----Entire process is completely automated-----