



OXY USA INC.

Box 26100, Oklahoma City, OK 73126-0100
Telephone 405 749-2000

DETAILED WELL ESTIMATE

LEASE - WELL NO. Cellar Door Prospect Snyder Ranch "A" #1 DATE 8/4/88
 LOCATION At a legal location in the SE/4 SE/4 of Section 29, T-19-S, R-36-E PROP. DEPTH 10,500'
 S _____ T _____ R _____ COUNTY Lea STATE NM AFE NO. _____

DESCRIPTION	GRADE	SIZE	QUAN.	W	ESTIMATE PRODUCER	ESTIMATE DRY HOLE	REVISED ESTIMATE	ACTUAL COST
TANGIBLES								
Casing								
Surface								
13-3/8" 48# H-40 ST&C			400		8,500	8,500		
8-5/8" 24# & 32# K55 ST&C			3500		45,500	45,500		
5-1/2" 17# K-55 & N-80 ST&C & LT&C			10500		89,300			
Well head connections 5M					8,000	3,000		
Tubing 2-7/8" EUE 6.5# N-80			10300		47,200			
Sucker rods API 86			10300		12,900			
Bottom hole pump					1,800			
Engine or motor 60 HP					2,600			
Pumping unit M456-365-168					52,500			
Electrical equip. Incl. Labor & Trans.					15,000			
Line pipe, fittings incl. Labor & Trans.					5,000			
TAC					1,000			
TANK BATTERY								
Stock tanks		500	3		11,500			
heater treater					9,600			
Meter run and housing					3,000			
Labor & transportation					7,500			
Total Tangibles					(320,900)	(57,000)		
INTANGIBLES								
Contract drilling labor 10,500 @ \$14/Et					147,000	147,000		
Rotary day work 4 days @ \$4200/day					16,800	16,800		
Service rig work 12 days @ \$1000/day					12,000			
Subsurface casing equipment					4,000	2,000		
electric, radioactivity logs, etc..					16,000	16,000		
Acidizing, tracing					30,000			
Perforating					9,000			
Misc: company and contract labor					10,000	7,000		
Road building, location					15,000	15,000		
Cement and cementing service					25,000	20,000		
Cement squeeze jobs								
Drilling mud, chemicals					12,000	12,000		
Diamond coring & analyses, bits, reamers								
Mud logging unit 16 days @ \$400/day					6,400	6,400		
Rental of miscellaneous equip.					8,000	6,000		
Contract hauling					8,000	5,000		
Water, fuel					7,000	6,000		
Miscellaneous Incidentals					10,000	7,000		
DST's (3)					18,000	18,000		
Total Intangibles					(354,200)	(284,200)		
Total estimated cost - 100% -					675,100	339,200		
Total estimate C. S. -								

ACCEPTED AND AGREED TO THIS
 _____ DAY OF _____,
 1988.
 By: _____

OXY
 3A
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OXY USA INC.

Box 26100, Oklahoma City, OK 73126-0100
Telephone 405 749-2000

DETAILED WELL ESTIMATE

LEASE - WELL NO. Cellar Door Prospect Snyder Ranch "A" #2 DATE 8/4/88
LOCATION At a legal location in the NE/4 SE/4 of Section 29, T-19-S, PROP. DEPTH 10,500'
R-36-E
S _____ T _____ R _____ COUNTY Lea STATE NM AFE NO. _____

DESCRIPTION	GRADE	SIZE	QUAN.	W	ESTIMATE PRODUCER	ESTIMATE DRY HOLE	REVISED ESTIMATE	ACTUAL COST
TANGIBLES								
Casing								
Surface								
13-3/8" 48# H-40 ST&C			400		8,500	8,500		
8-5/8" 24# & 32# K55 ST&C			3500		45,500	45,500		
5-1/2" 17# K-55 & N-80 ST&C & LT&C			10500		89,300			
Well head connections 5M					8,000	3,000		
Tubing 2-7/8" EUE 6.5# N-80			10300		47,200			
Sucker rods API 86			10300		12,900			
Bottom hole pump					1,800			
Engine or motor 60 HP					2,600			
Pumping unit M456-365-168					52,500			
Electrical equip. incl. Labor & Trans.					15,000			
Line pipe, fittings incl. Labor & Trans.					5,000			
TAC					1,000			
TANK BATTERY								
Stock tanks		500	3		11,500			
heater treator					9,600			
Meter run and housing					3,000			
Labor & transportation					7,500			
Total Tangibles					(320,900)	(57,000)		
INTANGIBLES								
Contract drilling labor 10,500 @ \$14/Et					147,000	147,000		
Rotary day work 4 days @ \$4200/day					16,800	16,800		
Service rig work 12 days @ \$1000/day					12,000			
Subsurface casing equipment					4,000	2,000		
electric, radioactivity logs, etc.					16,000	16,000		
Acidizing, fracturing					30,000			
Perforating					9,000			
Misc: company and contract labor					10,000	7,000		
Road building, location					15,000	15,000		
Cement and cementing service					25,000	20,000		
Cement squeeze jobs								
Drilling mud, chemicals					12,000	12,000		
Diamond coring & analysis, bits, reamers								
Mud logging unit 16 days @ \$400/day					6,400	6,400		
Rental of miscellaneous equip.					8,000	6,000		
Contract hauling					8,000	5,000		
Water, fuel					7,000	6,000		
Miscellaneous Incidentals					10,000	7,000		
DST's (3)					18,000	18,000		
Total Intangibles					(354,200)	(284,200)		
Total estimated cost - 100% -					675,100	339,200		
Total estimate C. S. -								

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