

O. DOYLE BUTLER

Consulting Petroleum Engineer

406 N. MARIENFELD, RM. 103
MIDLAND, TEXAS 79701

BLACKROCK OIL COMPANY

Property Management

AREA CODE 915
PHONE MU 4-7792

RESUME

As of January 1, 1969

SCOPE OF OPERATION:

Petroleum Appraisals, Property Management, Drilling and Remedial Well Completions.

EXPERIENCE:

O. Doyle Butler, B.S. Degree, Mechanical Engineering (Petroleum Option) from Oklahoma State University in January, 1957. Mr. Butler has a total of 12 years engineering experience. The first 5 years he worked for Texaco, Inc. in Andrews and Sundown, Texas and Hobbs, New Mexico. This time was general field work concerned with drilling, producing, automation and the installation of a pilot waterflood. The following year he worked as Assistant Operations Engineer in Texaco's Hobbs District Office. From February, 1963 through March, 1965, Mr. Butler worked overseas with Texaco affiliated companies; 4 months in Libya directing desert drilling operations and 21 months in Indonesia as Senior Production Engineer.

Upon his return from overseas, Mr. Butler worked 14 months as a completion and production engineer for Adobe Oil Company, Midland, Texas. During this time he supervised the field completion work on approximately 32 wells in the Permian Basin. Adobe is a Petroleum Consulting and Property Management Company operating primarily within the Permian Basin. Their operation is quite varied and afforded an excellent introduction and background for the consulting business.

On July 23, 1966, Mr. Butler joined W. B. Nichols and formed the consulting firm of Nichols, Butler & Associates, Midland, Texas. While a partner in this firm he acquired considerable experience supervising high pressure gas drilling and completion operations in Eddy County, New Mexico. Also gas and oil well completion operations in Schleicher and Menard Counties, Texas. While with this firm he attributed a large amount of time to mineral evaluations and property management.

On June 1, 1967, Mr. Butler formed Blackrock Oil Company to operate and manage oil and gas properties in conjunction with appraisal and well completion work on a consulting basis. Currently, in addition to Blackrock's operations, Mr. Butler is the Consulting Manager for Chase Petroleum Company, Kimberly and Associates, and The Fundamental Oil Corporations' drilling and producing operations in West Texas and New Mexico.

Registered Professional Engineer, State of Texas Registration No. 25243.

INSURANCE:

\$25,000. Workmen's Compensation, States of Texas and New Mexico.
\$100,000. /\$300,000. /\$100,000. Public Liability.
\$100,000. /\$300,000. /\$10,000. Automobile Public Liability.

REFERENCES:

Floyd Meade, J. M. Huber Corporation, Midland, Texas.
Shackelford Reeder, Realtor and Independent Oil & Gas Operator, Midland, Texas.
I. W. (Ike) Lovelady, Adobe Oil Company, Midland, Texas.
Midland National Bank, Midland, Texas. (Financial).

BEFORE EXAMINATION
DATE
4017

COST FIGURES FOR INDIAN BASIN-INDIAN HILLS FIELDS						
OPERATOR	Total	Total	How Completed	Contractor's		Average Cost Per Foot
	Depth	Cost		Footage	Mud Bill	
Carper Atlantic	7690	N.A.		\$9.55 to 7800'	N.A.	N.A.
* Union Oil Co.	9755	\$223,957.00	Dry Hole	\$9.40	N.A.	\$22.96
* Sun Oil Co.	9300	\$208,800.00	Dual	\$9.00	N.A.	\$22.45
* Redfern Dev. Corp.	9500	\$195,150.00	Dual	\$9.50	\$10,000 Est.	\$20.54
Marathon N. Indian Basin #1	10,100	\$380,553.00	Dual	N.A.	\$47,420.00	\$37.68
* N. Indian Basin #2	9500	\$255,298.00	Dual	\$10.35	\$25,000 Est.	\$27.09
Penroc Oil Corp.	9560	\$210,897.25	Dual	N.A.	N.A.	\$22.06
John H. Trigg "IB"	9476	\$225,000.00	Single	N.A.	\$25,000.00	\$23.74
John H. Trigg "CJ"	7850	N.A.	Single	\$9.00	\$15,000.00	N.A.
R. Lowe #1 Indian Hills	10,212	\$343,983.70	Single	N.A.	N.A.	\$33.68
Indian Basin #1-C	9405	\$209,184.98	Single	N.A.	N.A.	\$22.24
R. N. Enfield	8945	\$165,000.00	Single	N.A.	\$25,000.00	\$19.33
G. G. Haganan 1-D	7366	\$158,627.46	Single	N.A.	\$14,000 Est.	\$21.53
* AFE (All others actual operator's costs.)						

Average Cost/ ft. (5 wells) Single Completion - \$24.10

DISPOSE EXHIBIT
ON 05/11/77
4017
5

BLACKROCK OIL COMPANY
406 N. Marienfeld, Rm. 103
Midland, Texas 79701

APPROPRIATION FOR EXPENDITURES (Footage Contract)

AFE No. 118

Operator: Corine Grace Date: January 30, 1969
Lease: Federal Well No.: 1 Field: North Indian County: Lea, N. Mex.
Location: Section 8, T-21-S, R-24-E

	Completed Well	To Casing Point	Actual
Location and Roads	\$ 1200	\$ 1200	\$
Damages	250	250	
Footage Contract: 10,000 ft. @ 9.10¢/foot	91,000	91,000	
Day Work: 2 days @ 1350 /day	2700	2700	
Cement and Cementing	3200	2800	
Float Equipment, Etc.	500	300	
Mud and Chemicals	9000	9000	
Testing	700	700	
Logging	1500	1500	
Water	500	250	
Trucking	800	400	
Perforating	1100	---	
Treating	7000	---	
Completion Unit	2400	---	
Labor (Includes labor to install battery)	1500	200	
Overhead and Supervision	2500	1600	
Contingencies, 5%, 2%	6300	2200	
TOTAL INTANGIBLES	\$ 132,150	\$ 114,100	\$
Surface Casing: 300 ft. @ 5.50	1650	1650	
Intermediate String: (1) ft. @ 3.22/4.02	10,650	10,650	
Well Head 11 3/4 x 8 5/8" x 4 1/2 x 2 3/8, 1500	6000	500	
Oil String: (2) ft. @ 1.66/1.97	18,000		
Tubing: 10,000 ft. @ 93¢ (All N-80)	9300		
Rods and Pump	---		
Pumping Unit	---		
Prime Mover	---		
Misc. Connections	500	150	
TOTAL WELL TANGIBLES	\$ 46,100	\$ 12,950	\$
Tanks	3000		
Treater Separator	3500		
Connections, Line Pipe, etc.	1700		
TOTAL TANK BATTERY	\$ 8200	\$ ---	\$
TOTAL COST	\$ 186,450	\$ 127,050	\$

2550
650
3200

In account with N/A, your --- % working interest share of the above estimate is \$ ---.

(1) 2550', 24# J-55 and 650', 32# J-55, 8 5/8"

(2) 5500', 11.6# J-55 and 4500', 11.6# N-80, 4 1/2"

* Includes recent wage increase to drilling crews.

BEFORE EXAMINER NOTAR
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. 4017

[Signature]
O. DOYLE BUTLER

BLACKROCK OIL COMPANY
406 N. Marienfeld, Rm. 103
Midland, Texas 79701

BEFORE EXAMINER NOTED
OIL CONSERVATION BOARD
4017 7

APPROPRIATION FOR EXPENDITURES (Turnkey Contract)

AFE No. 119

Operator: Corine Grace Date: January 30, 1969
Lease: Federal Well No.: 1 Field: North Indian County: Lea, N. Mex.
Location: Section 8, T-21-S, R-24-E

	Completed Well	To Casing Point	Actual
Location and Roads	\$ 1200	\$ 1200	\$
Damages	250	250	
Footage Contract: 10,000 ft. @ Turnkey/foot	131,500	131,500	
Day Work: --- days @ --- /day	TK		
Cement and Cementing	TK		
Float Equipment, Etc.	TK		
Mud and Chemicals	TK		
Testing	TK		
Logging	TK		
Water	TK		
Trucking	TK		
Perforating	1100		
Treating	7000		
Completion Unit	2400		
Labor (Includes labor to install battery)	1500	200	
Overhead and Supervision	2500	1600	
Contingencies, 2%	2950	2700	
TOTAL INTANGIBLES	\$ 150,400	\$ 137,450	\$
Surface Casing: 200 ft. @ 5.50	1650	1650	
Intermediate String: (1) ft. @ 3.22/4.02	10,650	10,650	
Well Head 11 3/4 x 8 5/8" x 4 1/2 x 2 3/8, 1500	6000	500	
Oil String: (2) ft. @ 1.66/1.97	18,000		
Tubing: 10,000 ft. @ .93¢ (All N-80)	9300		
Rods and Pump			
Pumping Unit			
Prime Mover			
Misc. Connections	500	150	
TOTAL WELL TANGIBLES	\$ 46,100	\$ 12,950	\$
Tanks	3000		
Treater Separator	3500		
Connections, Line Pipe, etc.	1700		
TOTAL TANK BATTERY	\$ 8200	\$	\$
TOTAL COST	\$ 204,700	\$ 150,400	\$

In account with N/A, your ---% working interest
share of the above estimate is \$ ---.

- (1) 2550', 24# J-55 and 650', 32# J-55, 8 5/8"
(2) 5500', 11.6# J-55 and 4500', 11.6# N-80, 4 1/2"
* Includes recent wage increase to drilling crews.


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