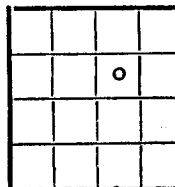


MAR 6 1971

WELL LOG

COMPANY Cayman Corporation SEC. 15-T34S-R31W
27608 Silver Spur Road, Palos Verdes Peninsula,
FARM NO. 1 Calif. LOC. C-SW-NE
BLACK 1
TOTAL DEPTH 5947' R.T.D. COUNTY Seward
5948' L.T.D.
COMM. 9-21-67 COMP. 10-5-67
CONTRACTOR Zenith Drilling Corp., Inc.



ELEVATION 2521' RB

PRODUCTION D & A
Chest

CASING
8 5/8" @1346' w/landing jt., cemented
w/500 sx. light wt. 4% gel 2% CaCl,
& 100 sx. Class A 2% CaCl

FIGURES INDICATE BOTTOM OF FORMATIONS

645'	Sand, Blue Shale, Red Bed
1346'	Red Bed, Sand, Anhydrite
1515'	Anhydrite, Red Bed
2075'	Red Bed, Shale
2295'	Red Bed, Shale, Lime
2615'	Shale & Lime
3036'	Lime & Shale
3518'	Shale & Lime
3715'	Lime & Shale
4168'	Shale
4472'	Lime
4755'	Lime & Shale
5380'	Lime
5469'	Lime & Shale
5615'	Lime, Shale & Sand
5685'	Sand & Lime
5947' T.D.	Lime & Shale

Log Tops

B/chase Sp. 2409
Council Grove 2765
B/welbver 4171
Toronto 4185
Lansing 4296
Dov. 5118
Chero 5200
Atoka 5372
13 Fingers 5490
Morrow Sh 5539
W/ " " SS 5567
Miss Chest 5663
B/ " " SS 5904

State of Sedgwick }
County of Kansas } ss

I, C. Robert Buford, President of Zenith Drilling Corporation, Inc.

upon oath state the above and foregoing is a true and correct copy of the log of the Black #1 well.

C. Robert Buford