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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-		7. Unit Agreement Name Northeast Blanco Unit Agrmt. #1, Sec. 929
2. Name of Operator Blackwood & Nichols Co., Ltd.		8. Farm or Lease Name Northeast Blanco Unit
3. Address of Operator P. O. Box 1237, Durango, Colorado 81301		9. Well No. 32A
4. Location of Well UNIT LETTER <u>H</u> <u>1450</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>7</u> TOWNSHIP <u>30N</u> RANGE <u>7W</u> NMPM.		10. Field and Pool, or Wildcat Blanco Mesaverde
15. Elevation (Show whether DF, RT, GR, etc.) 6132' GL		12. County San Juan

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER <u>True Measurements at Total Depth</u> ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Corrected location at total depth 5912'; should be 2298' F/SL - 816' F/EL.
True Vertical Depth 5601'.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED DeLasso TITLE District Manager DATE 6-30-81

APPROVED BY Frank J. Gray TITLE SUPERVISOR DISTRICT # 3 DATE JUL 1 - 1981

CONDITIONS OF APPROVAL, IF ANY:

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**



BLACKWOOD AND NICHOLS
COMPANY

NORTHEAST BLANCO UNIT 32-A
WELL NAME

SAN JUAN COUNTY, NEW MEXICO
LOCATION

JOB NUMBER
RM681-D1118

TYPE OF SURVEY
MAGNETIC SINGLE SHOT

DATE
JUNE 1981

SURVEY BY
BILL LAYHE

OFFICE
ROCKY MOUNTAIN

BLACKWOOD AND NIGHOLS
(COMPLETION REPORT)

WELL NAME: NORTHEAST BLANCO UNIT 32-A

LOCATION: SAN JUAN COUNTY, NEW MEXICO

FILE NO.: A1-220

DATE: 9 JUNE 1981

JOB NO.: RM681-D1113

TYPE: MAGNETIC SINGLE SHOT

SURVEYOR: BILL LAYHE

COMPUTER OPERATOR: STEVE THURSTON

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL

DIRECTION: S 10 DEG. W 10 MIN. E 1000'

A FETROLANE COMPANY

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

ACKWOOD AND NICHOLS

(COMPLETION REPORT)

PAGE NO.

WELL NAME: NORTHEAST BLANCO UNIT 32-A
LOCATION: SAN JUAN COUNTY, NEW MEXICO

COMPUTATION

TIME DATE

16:48:51 26-JUN-81

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	R E C T A N G U L A R C O O R D I N A T E S FEET	DOGLEG SEVERITY DG/100FT
900.00	0 0	0 0	0.0	900.00	0.00	0.00	0.00
ASSUMED VERTICAL TO 900 FEET							
945.00	1 30	S 54 W	45.0	944.99	0.35	0.35 S	0.48 W
976.00	1 30	S 25 W	31.0	975.98	0.97	0.97 S	0.99 W
1007.00	2 30	S 32 W	31.0	1006.96	1.92	1.92 S	1.50 W
1039.00	4 0	S 29 W	32.0	1038.91	3.43	3.43 S	2.42 W
1071.00	5 0	S 26 W	32.0	1070.81	5.71	5.71 S	3.58 W
1102.00	6 0	S 22 W	31.0	1101.67	8.42	8.42 S	4.79 W
1133.00	7 15	S 18 W	31.0	1132.46	11.78	11.78 S	6.01 W
1166.00	8 0	S 11 W	33.0	1165.17	16.02	16.02 S	7.11 W
1229.00	9 15	S 4 W	63.0	1227.46	25.35	25.35 S	8.34 W
1292.00	10 15	S 6 W	63.0	1289.55	36.00	36.00 S	9.27 W
1355.00	11 30	S 2 W	63.0	1351.41	47.86	47.86 S	10.10 W
1447.00	13 30	S 5 W	92.0	1441.23	67.73	67.73 S	11.32 W
1541.00	14 0	S 0 E	94.0	1532.53	90.05	90.05 S	12.29 W
1632.00	15 30	S 1 E	91.0	1620.53	113.21	113.21 S	12.09 W
1724.00	17 0	S 0 E	92.0	1708.86	138.95	138.95 S	11.86 W
1817.00	18 30	S 3 E	93.0	1797.43	167.29	167.29 S	11.12 W
1911.00	19 0	S 3 E	94.0	1886.44	197.47	197.47 S	9.54 W
2005.00	20 0	S 3 E	94.0	1975.04	228.80	228.80 S	7.90 W
2098.00	21 15	S 5 E	93.0	2062.08	261.48	261.48 S	5.61 W
2190.00	22 15	S 5 E	92.0	2147.53	295.44	295.44 S	2.64 W
2286.00	23 0	S 7 E	96.0	2236.14	332.17	332.17 S	1.22 E
2378.00	24 0	S 8 E	92.0	2320.51	368.54	368.54 S	6.01 E
2471.00	25 0	S 8 E	93.0	2405.14	406.73	406.73 S	11.37 E
2564.00	25 30	S 8 E	93.0	2489.25	446.01	446.01 S	16.89 E
2657.00	26 0	S 8 E	93.0	2573.01	486.02	486.02 S	22.52 E
2750.00	26 30	S 8 E	93.0	2656.42	526.76	526.76 S	28.24 E
2845.00	26 30	S 7 E	95.0	2741.44	568.78	568.78 S	33.78 E
							0.47

ACKWOOD AND NICHOLS

(COMPLETION REPORT)

COMPUTATION

PAGE NO. 2

WELL NAME: NORTHEAST BLANCO UNIT 32-A
LOCATION: SAN JUAN COUNTY, NEW MEXICO

TIME DATE

16:48:51 26-JUN-81

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		VERTICAL SECTION FEET	R E C T A N G U L A R		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET		C O O R D I N A T E S		
2938.00	26 0	S 4 0 E	93.0	2824.85	609.72	609.72 S	37.72 E		1.52
3030.00	25 30	S 0 0 E	92.0	2907.71	649.66	649.66 S	39.11 E		1.97
3123.00	25 0	S 3 0 W	93.0	2991.83	689.31	689.31 S	38.07 E		1.48
3216.00	25 15	S 6 0 W	93.0	3076.03	728.67	728.67 S	34.98 E		1.40
3307.00	25 30	S 5 0 W	91.0	3158.25	767.49	767.49 S	31.24 E		0.55
3333.00	25 30	S 4 0 W	26.0	3181.72	778.65	778.65 S	30.36 E		1.66
3370.00	24 15	S 0 0 E	37.0	3215.28	794.20	794.20 S	29.82 E		5.66
3463.00	25 15	S 3 0 E	93.0	3299.74	833.12	833.12 S	30.84 E		1.73
3525.00	26 30	S 4 0 E	62.0	3355.52	860.12	860.12 S	32.49 E		2.14
3616.00	25 0	S 5 0 E	91.0	3437.48	899.53	899.53 S	35.59 E		1.72
3707.00	23 0	S 4 0 E	91.0	3520.61	936.43	936.43 S	38.49 E		2.24
3754.00	22 30	S 3 0 E	47.0	3563.96	954.57	954.57 S	39.60 E		1.34
3825.00	22 0	S 3 0 E	71.0	3629.67	981.42	981.42 S	41.01 E		0.70
3887.00	22 0	S 3 0 E	62.0	3687.15	1004.61	1004.61 S	42.23 E		0.00
3980.00	20 0	S 6 0 E	93.0	3773.97	1037.83	1037.83 S	44.84 E		2.44
4009.00	19 45	S 7 0 E	29.0	3801.25	1047.63	1047.63 S	45.96 E		1.46
4041.00	19 30	S 6 0 E	32.0	3831.39	1058.31	1058.31 S	47.17 E		1.31
4073.00	20 0	S 8 0 E	32.0	3861.50	1069.04	1069.04 S	48.49 E		2.63
4137.00	21 0	S 0 0 E	64.0	3921.45	1091.38	1091.38 S	50.05 E		4.64
4200.00	21 0	S 0 0 E	63.0	3980.27	1113.96	1113.96 S	50.05 E		0.00
4294.00	19 0	S 2 0 E	94.0	4068.59	1146.10	1146.10 S	50.61 E		2.25
4388.00	18 0	S 3 0 E	94.0	4157.73	1175.90	1175.90 S	51.92 E		1.12
4481.00	16 30	S 6 0 E	93.0	4246.55	1203.38	1203.38 S	54.08 E		1.87
4574.00	16 15	S 8 0 E	93.0	4335.78	1229.41	1229.41 S	57.27 E		0.66
4668.00	15 0	S 12 0 E	94.0	4426.30	1254.34	1254.34 S	61.67 E		1.75
4762.00	15 0	S 12 0 E	94.0	4517.10	1278.13	1278.13 S	66.73 E		0.00
4857.00	14 0	S 15 0 E	95.0	4609.07	1301.26	1301.26 S	72.28 E		1.32
4917.00	14 30	S 5 0 E	60.0	4667.22	1315.78	1315.78 S	74.84 E		4.18
4947.00	16 30	S 3 0 E	30.0	4696.13	1323.78	1323.78 S	75.40 E		6.90
4978.00	18 30	S 7 0 E	31.0	4725.70	1333.07	1333.07 S	76.21 E		7.52

ACKWOOD AND NICHOLS

(COMPLETION REPORT)

COMPUTATION

PAGE NO. 3

ALL NAME: NORTHEAST BLANCO UNIT 32-A
 LOCATION: SAN JUAN COUNTY, NEW MEXICO

TIME DATE

16:48:51 26-JUN-81

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		VERTICAL SECTION FEET	RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET			CORDINATES FEET		
5010.00	19 0	S 15 0 E	32.0	4756.00		1343.15	1343.15 S	78.17 E	8.18
5069.00	14 0	S 20 0 E	59.0	4812.55		1359.13	1359.13 S	83.21 E	8.80
5133.00	13 0	S 18 0 E	64.0	4874.78		1373.25	1373.25 S	88.07 E	1.72
5197.00	14 0	S 17 0 E	64.0	4937.01		1387.50	1387.50 S	92.57 E	1.60
5291.00	15 0	S 23 0 E	94.0	5028.02		1409.61	1409.61 S	100.61 E	1.92
5385.00	17 0	S 28 0 E	94.0	5118.37		1432.98	1432.98 S	111.76 E	2.58
5416.00	17 0	S 31 0 E	31.0	5148.02		1440.87	1440.87 S	116.22 E	2.83
5506.00	17 30	S 32 0 E	90.0	5233.97		1463.63	1463.63 S	130.17 E	0.65
5694.00	12 0	S 32 0 E	183.0	5415.70		1504.20	1504.20 S	155.52 E	2.93
5882.00	6 30	S 35 0 E	188.0	5601.19		1529.39	1529.39 S	172.19 E	2.94
5906.00	6 30	S 35 0 E	24.0	5625.03		1531.61	1531.61 S	173.75 E	0.00

THE NEXT STATION IS A PROJECTION.

FINAL CLOSURE - DIRECTION: S 6 DEGS 28 MINS 20 SECS E
 DISTANCE: 1541.44 FEET

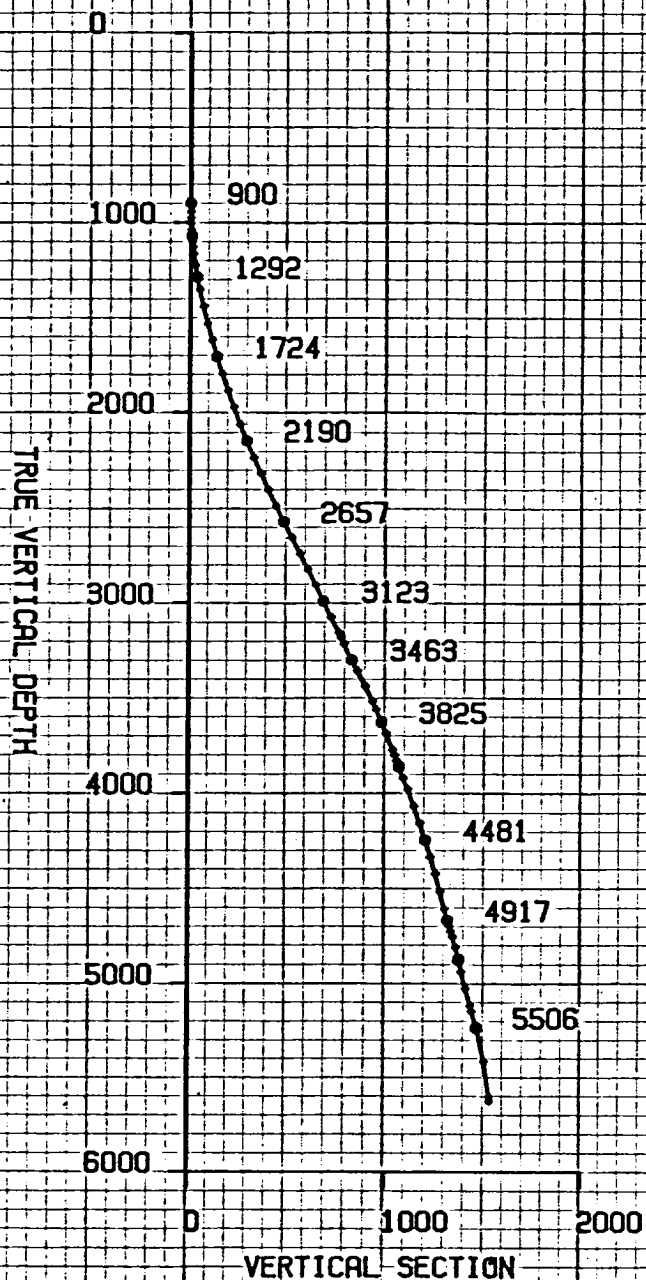
A PETROLANE COMPANY

BLACKWOOD AND NICHOLS
WELL NAME: NORTHEAST BLANCO UNIT 32-A
LOCATION: SAN JUAN COUNTY, NEW MEXICO

VERTICAL PROJECTION

SCALE 1 IN. = 1000 FEET

EASTMAN WHIPSTOCK, INC.



CLOSURE 1541.43 S 6 28 20 E

BLACKWOOD AND NICHOLS
WELL NAME: NORTHEAST BLANCO UNIT 32-A
LOCATION: SAN JUAN COUNTY, NEW MEXICO

EASTMAN WHIPSTOCK, INC.

HORIZONTAL PROJECTION

SCALE 1 IN. = 200 FEET
DEPTH INDICATOR: MD

FINAL STATION:
DEPTH 5906 MD. 5625.03 TVD
SOUTH 1531.61 EAST 173.75
CLOSURE 1541.43 S 6 28.20 E

