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RECEIVED
MAR 14 2002
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GEOLOGIST'S WELL REPORT

COMPANY: KGF DEVELOPMENT, INC. (L.154)
WELL: Eagles Ranch #2-1
FIELD: Bessman NW.
LOCATION: (sqft) 1651' FSL & 1651' FWL OF SE
Section: 22 TWP: 21 S. NOR: 22 W.
(Map) 23 mi. NW of Kanopolis.
COUNTY: Russell STATE: Kansas
ELEVATION: 1876' K.B. (1871' G.L.
Depths measured from Kelly Bushing
A.P.I. NUMBER: 15-167-23219
GEOLOGY BY: Randall Kilian

PERTINENT WELL DATA

CONTRACTOR: Southwind Drilling, Inc. (Rig #1)
Rig Mgr. Mike Pellinen
Rig Mob. Hoffman Exploration
DRILL PIPE: 4½" X-H COLLARS: 6 1/2" X-H 16 (435')
CASING: SURFACE: 8 5/8" @ 213' w/ 160 sx 60/40 Poz
PRODUCTION: 5 1/2" @ 3332' w/ 150 sx ASC
DV @ 1532' w/ 200 sx 60/40 Poz 6% gel
DRILLING FLUID: COMPANY: Southwind Drilling, Inc.
Chemical & Gel Mud System
TYPE: Chemical & Dispersed
REMARKS: Fuel Details
DRILL STEM TESTS: COMPANY: Southwind Drilling Inc.
Chris Shaffer
NUMBER OF TESTS: One (1)
ELECTRIC LOGS: COMPANY: All Wireline Services
DETAIL (S): DGDC-RTD
TYPE: DAC
DRILLING TIME FROM: 2650' TO RTD
SAMPLE TIME FROM: 2650' TO RTD
SUPERVISION FROM: 2650' TO RTD
VERTICAL DEVIATION: ½ @ 223', 1/4 @ 3345'
PLUGGING REPORT: Rig 15 ex. Moser ID ex.
RESERVE PIT: KGF Solt, Chl 54,000 Cu. 1,800

DAILY REPORT

DATE	7 a.m. Depth	RIG ACTIVITY
3-01-02		MIRU
3-06-02		Spud
3-05-02	223'	WOC
3-06-02	1150'	Drilling sand & shale
3-07-02	2345'	Drilling shale & lime
3-08-02	2930'	Drilling lime & shale
3-09-02	3330'	CFS, DST #1(s), logging
3-10-02	3345'	T.D. Running casing

DRILL STEM TESTS

NO.	INTERVAL	BOTTOM HOLE PRESSURE	OPEN TIME	SHUT-IN TIME	INITIAL FLOW PRESSURE	FINAL FLOW PRESSURE	INITIAL SHUT-IN PRESSURE	RECOVERY
1	3247-3345'	1258 PSIG	30/30	1/30	19/19	19/19	1007/1000	200' Oil, 90' Mcw
2	3330-3345'	1258 PSIG	45/45	1/30	19/19	19/19	1007/1000	45' Oil, 90' Mcw, 90' Mud

WIND RECORD

DATE	DIRECTION	VELOCITY	TEMPERATURE 7 A.M.	TEMPERATURE 7 P.M.	DEW POINT 7 A.M.	DEW POINT 7 P.M.
3-01-02	S	20MH	35	65	24	24
3-02-02	S	20MH	35	65	24	24
3-03-02	S	20MH	35	65	24	24
3-04-02	S	20MH	35	65	24	24
3-05-02	S	20MH	35	65	24	24
3-06-02	S	20MH	35	65	24	24
3-07-02	S	20MH	35	65	24	24
3-08-02	S	20MH	35	65	24	24
3-09-02	S	20MH	35	65	24	24
3-10-02	S	20MH	35	65	24	24

BIT RECORD

NO.	SIZE	MAKE	TYPE	DEPTH OUT	FEET	HOURS	DULL	LOCATION
1	12 1/4	Smith	F-2	223'	223'	23 1/2	8	8
2	7 7/8	Smith	F-3	3345'	3122'	69 1/2	8	8

FORMATION TOPS & STRUCTURAL GEOLOGY

R. 11 W.
T. 21 S.
22

REFERRED TO:
A - Martin Drilling Co.
Martin #1 SW SE SE 21
B - Martin Drilling Co.
Martin #1 SW SE SE 21

STRATIGRAPHIC MARKERS	SUBJECT WELL SAMPLE	SUBJECT WELL LOG	DATUM	STRUCTURAL POSITION A	B	C	D	E
Anhydrite	945'	948'	+931	+ 932	+ 927			
Topeka	2250'	2252'	-376	-378	-373			
Deeper	2550'	2551'	-675	-676	-671			
Heeb. Sh.	2962'	2964'	-1088	-1083	-1089			
Toronto	2980'	2982'	-1106	-1101	-1108			
Lansing	3000'	3002'	-1126	-1121	-1126			
Kansas City	3230'	3232'	-1356	-1351	-1355			
Arbuckle	3330'	3332'	-1456	-1455	-1461			
T.D.	3345'	3345'	-1470'	-1470	-1474			

Plat drawn 1:24' sheet

#Structural position of subject well as compared to referred well.

SUMMARY

The Eagles Ranch 2-1 well was drilled with Southwind Drilling, Inc. Rig #1 beginning March 6 and drilling was completed March 10, 2002.

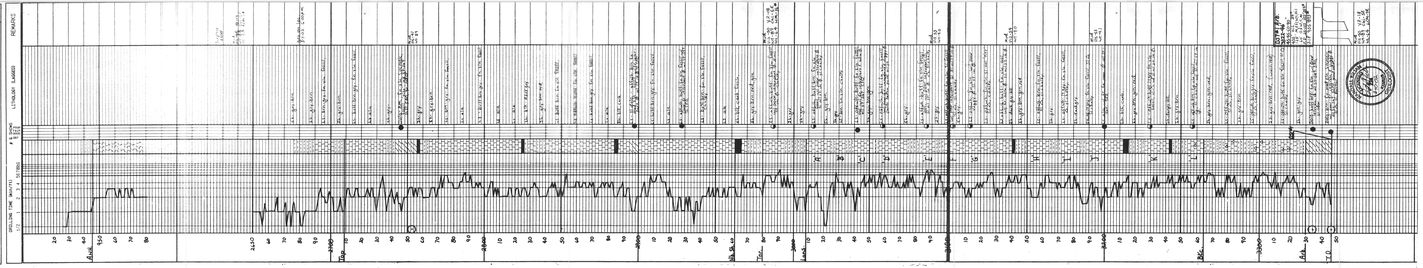
The drill-site was selected by 3-D seismic data and structural interpretation by: Arbuckle Exploration and Kansas Geological.

The well was structurally as indicated by seismic. The Arbuckle was high to both nearby producers by 3 and 4 feet. Structural position was also high to the upper oil of Arbuckle as indicated by DST #1, with about 585' of oil recovery and good Sip. The seismic data was correct.

An open hole completion was used with 5½" casing set 17' off bottom to protect the well. Contact. To be approximately 5' above the oil/water contact. The Arbuckle should be a good producer. There is no indication mixed in with the oil and should not be a problem with completion.

Respectfully,

Randall Kilian


REMARKS
1-10-02 LAMED
DRILLING TIME IN MINUTES
PENNSYLVANIAN
MISSISSIPPIAN
ORDOVICIAN
Lansing-Kansas City
Marmaton
Cherokee
Mississippian
Viola
Simpson Shale
Simpson Sand
Arbuckle
Total Depth
Log Total Depth
Ran 5½" Csg.
Circ. Hole Clean
Start Out of Hole
Finish Out of Hole
Start Log
Finish Log
Start Run Csg.
Finish Run Csg.
Start Cement
Finish Cement
Start Rig Down
Rig Down
Start Rig Up
Rig Up
Spud
Start Drilling
Finish Drilling
Start Circ.
Finish Circ.